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CURRENT INDUSTRIAL REPORTS

Titanium Mill Products, Ingot, and Castings

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The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of titanium mill products, ingot, and castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears in the January 1983 report for this series, ITA-991(83)-1, issued May 1983.

Table 1. NET SHIPMENTS OF TITANIUM MILL PRODUCTS

(Thousands of pounds)

Product	May 1983	April 1983	May 1982
Total[1]	2,743	2,479	2,946
Sheet and strip	(2)	(2)	(2)
Plate			
Forging and extrusion billet	1,235	1,368	1,624
Rod and bar	310	303	249
Fastener stock and wire			60
Extrusion	1,198	808	1,132
Pipe and tubing			
Other			

[1]Net shipments, total, is the sum of mill product shipments plus mill products consumed in the manufacture of fabricated products, less total receipts. Net shipments for each mill product category also includes the consumption of mill products in that category in the manufacture of other mill products. Detail may not add to the total because of this difference in definition.
[2]Data for sheet and strip, plate, extrusion (other than tubing), pipe and tubing, and other have been combined to avoid disclosing individual company data.

Table 2. TITANIUM INGOT, MILL PRODUCTS, AND CASTINGS: 1982 TO 1983

(Thousands of pounds)

Month and year	Ingot					Mill products			Castings	
	Production	Consumption	Shipments	Receipts	Ending inventories	Production	Receipts	Net shipments[1] [2]	Production	Shipments
1983										
May	3,769	3,665	1,002	968	5,216	2,900	175	2,743	81	47
April	3,657	3,446	918	746	5,141	2,567	198	2,479	94	42
March	4,310	4,354	1,151	1,181	5,017	2,887	191	2,876	100	55
February	3,698	3,560	977	839	5,020	2,418	224	2,633	104	61
January	3,544	3,698	621	892	4,938	2,651	168	2,665	83	34
1982										
Total	53,072	55,161	8,492	8,670	(X)	37,221	4,789	36,562	797	521
December	3,034	3,014	305	633	5,068	2,366	164	2,869	74	37
November	3,444	4,058	595	532	4,707	2,347	177	2,501	72	40
October	3,598	3,829	671	534	5,386	2,357	307	2,359	52	43
September	3,392	3,407	846	498	5,579	2,877	379	2,994	36	36
August	3,877	3,676	466	589	5,884	2,339	162	2,342	60	35
July	3,284	3,118	528	542	5,634	2,433	144	2,382	61	35
June	4,017	4,631	653	588	5,411	3,188	387	3,166	64	39
May	3,610	4,480	456	670	3,994	3,084	357	2,946	59	45
April	5,001	5,204	769	806	6,405	3,209	353	3,436	69	54
March	6,858	7,320	867	1,071	6,552	4,361	704	4,454	90	59
February	6,505	6,202	973	1,252	6,686	4,185	830	3,458	83	55
January	6,452	6,222	1,363	955	6,523	4,475	825	3,655	77	43

(X) Not applicable.

[1]See table 1 for more detailed data.
[2]Net shipments, total, is the sum of mill product shipments plus mill products consumed in the manufacture of fabricated products, less total receipts. Net shipments for each mill product category also includes the consumption of mill products in that category in the manufacture of other mill products. Detail may not add to the total of this difference in definition.

Address inquiries concerning these figures to the U.S. Department of Commerce, Bureau of Industrial Economics, Materials Division, Washington, D.C. 20230, or to the Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Nathaniel Shelton, (301) 763-2529.
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Table 3. NET SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF TITANIUM MILL PRODUCTS: 1982 TO 1983

(Quantity in thousands of pounds; value in thousands of dollars)

Month and year	Manufacturers' net shipments (quantity)	Exports of domestic merchandise[1] [2]			Percent exports to manufacturers' net shipments (quantity)	Imports for consumption[1] [4]		Apparent consumption[6] (quantity)	Percent imports to apparent consumption (quantity)
		Quantity	Value at port	Estimated producers' value[3]		Quantity	Value[5]		
MAY 1983									
Total	3,745	379	3,742	3,641	10	241	2,062	3,607	7
Titanium ingot and forging and extrusion billet[7]	2,237	241	1,815	1,766	11	24	185	2,020	1
Titanium mill products	1,508	138	1,927	1,875	9	217	1,877	1,587	14
APRIL 1983									
Total	3,397	327	4,650	4,525	10	102	950	3,172	3
Titanium ingot and forging and extrusion billet[7]	2,286	230	3,362	3,272	10	9	95	2,065	(Z)
Titanium mill products	1,111	97	1,288	1,253	9	93	855	1,107	8
MARCH 1983									
Total	4,027	385	5,312	5,169	10	169	1,581	3,811	4
Titanium ingot and forging and extrusion billet[7]	2,623	229	3,024	2,943	9	7	88	2,401	(Z)
Titanium mill products	1,404	156	2,288	2,226	11	162	1,493	1,410	11
FEBRUARY 1983									
Total	3,610	124	2,627	2,556	3	162	1,467	3,648	4
Titanium ingot and forging and extrusion billet[7]	2,297	56	1,111	1,081	2	25	234	2,266	1
Titanium mill products	1,313	68	1,516	1,475	5	137	1,233	1,382	10
JANUARY 1983									
Total	3,324	282	3,728	3,628	8	106	1,107	3,148	3
Titanium ingot and forging and extrusion billet[7]	1,964	212	2,497	2,430	11	6	85	1,758	(Z)
Titanium mill products	1,360	70	1,231	1,198	5	100	1,042	1,390	7
1982									
Total	47,021	7,200	100,606	97,901	15	2,166	22,269	41,987	5
Titanium ingot and forging and extrusion billet[7]	28,041	4,392	60,239	58,618	16	426	3,976	24,075	2
Titanium mill products	18,980	2,808	40,367	39,283	15	1,740	18,293	17,912	8

(Z) Less than one-half of 1 percent.

[1] For a comparison of Standard Industrial Classification (SIC) codes, Schedule B export numbers, and TSUSA import numbers, see table 4 in the January report.
[2] Source: Bureau of the Census report EM 546, U.S. Exports.
[3] These values were derived by use of adjustment factors to exclude freight, insurance, and other charges incurred in moving goods to the port of export. This adjustment is made to convert the values to an approximation of the producers' value of exported goods. Current adjustment factors are based on data for 1981 which are published in Origin of Exports of Manufactured Products, M81(AS)-5, appendix B. Comparable adjustment factors for earlier years are based on similar factors developed for 1971 and 1972. The current adjustment factor for this report is 0.9731.
[4] Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.
[5] The value includes c.i.f. (cost, insurance, and freight) at the first port of entry in the United States plus U.S. import duties and other charges to the import point.
[6] Apparent consumption is derived by subtracting exports from the total of net shipments plus imports.
[7] Comparability of output, export, and import classifications for ingot and billet assume that bloom, sheet bar, and slab are reported as ingot or billet in the output numbers. Figures for imports of ingot and billet also include powder, crystal, and similar forms which are excluded from the output and export numbers.